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Sequence | Strd Orig | SSocre | BScore | Leb. | Documentation | 1992 | 1992 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1993 | 1
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-USER-US09525998_-40:NI_1_92 -N'PU-h -IOPU-4 -LONGLOG -NO_XLPXY
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Copyright (c) 1993-2000 Compuger Ltd.
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Database sequences: 351203
Database length: 113238999
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Query: US-09-525-998A-12
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APPLICANT: M.J.C. Tarner, F.M Brennan
THE OF INVENTION: Modified haman INTalpha (Limor
THE OF INVENTION: Medified haman INTalpha (Limor
NUMBER OF SEQUENTIA: Heriosis Factor alpha) Receptor
NUMBER OF SEQUENTS: 57
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Fercent Identity.
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COMPUTER: TEM PC compatible
OPERATING SYSTEM: PC-ENS/MS-DOS
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TELECOMORTCATION INFORMATION:
TELECOMORTCATION INFORMATION:
TELETAN. (415) 617-8999
TELETAN. (415) 617-8999
TELETAN. (415) 617-8999
TELETAN. (415) 617-811
STATE: COEL base pairs
TYPE: nucleic acid
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Falso, 1188
Persont Similarity, 91.787
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STREET: 635 b.s.
CHY: Pa.o Alto
TATE: California
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90 SerCysSerLysCysArgLysGluMetGlyGlnValGluIleSerSerCy 106
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                                                                                                                        123 isTyrTrpSerGluAsuLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            255 TAGGGGACACACACACACACACATGTGTGTGTCTCCCAAGGAAAATATATC 304
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TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF INVENTION: Necrosis Factor alpha) Receptor
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS DGS
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Patent No. 5863786
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0SA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
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355 CTTGTACAATGACTGTCCAGGCCCGGGGTAGGALACGGACTGCAGGGAGT 404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 106 sThrValAspArgAspThrValCysGlyCysArgLysAsnGlnTyrArgH 123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AspSerValCysProClockyrysTyrile 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                56 iLeaTyiAsnAspCysFioGlyFroGlyGlnAsplhiAspCysArqGluC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MetGlyLeuSerThrValProAspLeuLeuProLeuValLeuLeuGl 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             73 ysGluSerGlySerPheThrAlaSerGluAsnHisLcuArgHisCysLeu 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          605 AATGGGACCGTGCACCTGCCTGCCAGGAGAACAGACACGGTGCGAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Percent Identity: 94.787
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                                              5150 0630
NAME. Robbins, Roberta L.
REGISTRATION UNDRER: 33.208
PEFERENIE/FORTET REMBEE: 5150
TELECOMMUNICATION INFORMATION:
TELEPIONE: (415) 477-3231
INFORMATION FOR SEQ. ID. NO. 24.
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                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: CONA to MRNA
                                                                                                                                                                      2062 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                         Ratio: 5.588
Percent Similarity: 94.787
                                                                                                                                                                                                                double
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FORMATION: 155..1519
                                                                                                                                                                                          nucleic acid
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                                                                                                                                                                      LENGTH:
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173 snCystystysSerieuCluCysThrtysLeuCysLeuProGln11eGlu 189
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                                                                                                                                                            Seq_table . Polish-bill of at a printing of COMB seq (10-106-038A-1
                                                                                                                                                                                                                                                                                               ANTISENSE MODULATION OF THEPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Align seg 1/1 to: US-09-106-038A-1 from: 1 to: 2161
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                                                                                                                                                                                                                                                                                     Brenda F. Baker and Lex M. Cowsert.
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                                                                                190 AsnValLysGlyThrGluAspSerGlyThrThr 200
                                                                                                     755 AATGTTAAGGGGG, GAGGACTGAGGGACGACACA 787
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STREET: 2292 Farada; Avenue
CIIY: Carlsbad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 92008
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
COMPUTER: TBM PC Compatible
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                                                                                                                                                                                                                     Sequence 1, Application (18,709106018A Patent No. 6007995
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REGISTRATION NUMBER: 37,280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Microsoft Word 97 CURRENT APPLICATION DAIA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: FI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               June 26, 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (760) 931-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AITORNEY/AGENT INFORMATION:
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TELEFAX: (760) 604-3820
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
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Ratio: 5.588
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                                                                                                                                                                                                                                                                                                                                              NUMBER OF SHOUENCES:
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                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                    seq_documentation_block:
                                                                                                                                                                                                                                                               GENERAL, INFORMALION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Percent Similarity:
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APPLICANT: VARFOLOMEEV, Engene
APPLICANT: HANKIN, MOLDHOUL
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IIILE OF INVENTENE: THE INF RECEFFORS, THEIR PREFARATION AND THEIR USE
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456 CTTGTACAATGACTGTGGGAGGGGGGGAGGATACGGATTGGAGGAGT 595
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                                                                                                                                             rLeutyrAsuAspCysProGlyProGlyGlAshThrAspThrAspCysAraSlut 73
                                                                                                                                                                                                                                                                                                                                   73 ysGiuSerdiysertheThrAlaSerGluAstHistouArdHisCyster 89
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419 Seventh Street, N.W., Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 806 ACIGIAASAAAAGCIGGAAGGCAAGAAGILGIGGCIAC
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FILING DATE: 12-001-1994
CLASSIFICATION: 435
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12-oct 1993
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COMPUTER READAHUE FORM:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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CIIY: Washington
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NAME: BROWDY, ROGER 1..

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         123 isTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           156 rCysHisAla@lyPhethetenArgSiuAsnSiuCysValSorCysSorA 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MetGlyLeuSerThrValProAspLeuLeuLeuProLeuValLeuLeuGl 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Align seg 1/1 to 118-08-321.668-1 from 1 to 2175
REGISTRATION NUMBER: 25.618
REFERENCE/DOCKET NUMBER: WALLACH-13
THIRCOMMUNICATION INFORMATION:
TELLEPHONE: 202-628-5197
TELLEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       alignment_block:
US-09-525-998A-12 x US-08-321-668-1
                                                                                                                                                                                                                                                          TELEX: 248633
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 2175 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouality: 1117.50
Ratio: 5.588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 256.,1620
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APPLICANT: WALLACH, David
APPLICANT: BRAKEBUSCH, Cord
APPLICANT: VARPOLOMBRY, Eugene
APPLICANT: DATKIN, Michael
TITLE OF INVENTION: THE THE PREPARATION AND THEIR USE
TITLE OF INVENTION: THE TWF PECEPTORS, THEIR PREPARATION AND THEIR USE
173 snCysLysLysSerLeuGluCysThrLysLeuCysLeuProGlnIleGlu 189
                   Seg_name: /cgn2_6/ptodata/2/ina/5A_00MH seq+US-08-837-941-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWAKE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Align seg 1/1 10: US-08-837-941-1 from: 1 to: 2175
                                                                                                                                                                                                                                                                                                                                                                                                                                                     K: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length:
                                                                             190 AsnVallySGlyThrGluAspSerGlyThrThr 200
                                                                                                                       856 AATGITAAGGGCACIGAGGACICAGGCACCACA 888
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JMBER: US 08/321,668
12-OCT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 UMBER: US/08/837,941
28-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                        ; Sequence 1, Application US/U8837941; Patent No. 5766917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11, 107268
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.08-09-525-998A-12 x 08-08-837-941-1
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 11, 10, FILLING DATE, 12-OCT-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 2175 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 248633
INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: L
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CORRESPONDENCE ADDRESS:
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US-08-837-941-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
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TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR
TITLE OF INVENTION: NECROSIS FACTOR BINDING PROTEIN : (TBP-1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLITHILLIT
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                                                                                                                                                                                                                                                                                                                                                                                .. AspSerValCysProGlnGlyLysTyrIle 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           56 rLeuTyrAsnAspOy~ProdlyProGlyGlnAspThrAspOysArgGluC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    73 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 89
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419 Seventh Street, N.W., Suite 300
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Patent No. 5811261
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APPLICANT: REMPER, OLIVER
APPLICANT: ENGELMANN, HARTMUT
APPLICANT: BRAKEBUSCH, CORD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: WALLACH, DAVID
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| FELFELLE | FELFE | F
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             356 IAGGGGALAGSGAGAAGAGATAGIGIGIGIGGGGAAGGAAAAIAIATG 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 MetGlyLeuSerThrValProAspLeuLeuProTeuValLeuTeuGl 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17 uLeuLeuValGlyIleTyrProSerGlyValIleGly......29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .. AspSerValCysProGucTyTysiyille 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Au HisProGluAsnAsnSerlieCysCysThrlysCysHisLysGlylhriy 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     56 rLeaTyrAsnAspCysProClyProGlyGlnAspThrAspCysAraGlw; 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           73 ysGluSerOlySerPhelhrAlaSerGluAshHisLeuArqHisCysLeu 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Percent Identity: 94.787
                                                                                                                                                                                                                                                                                      Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Align seg 1/1 to: US-08-126-016-1 trom: 1 to: 2175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WALLACH4
                                                                                                                                                                                                                                                                                                                                                                                                                             US/08/726,016
                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
PERATIES HYSTEM, FU F757MS-DGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US 07/625668
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US-69-525-998A-12 v US-08-326-016-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 24 SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 13-DEC-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 2175 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: BROWDY, ROGER L
REGISTRATION NUMBER: 25
REFERENTRY NOTHER:
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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LOCATION: 419.11620
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Quality: 1117.50
Ratio: 5.588
Percent Similarity: 94.787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TTPE, norteic acid
STRANDEDNESS: single
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.6.3.3520
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LOCATION:
US-08-126-016-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       alignment_scores:
                                                                                                                                                                                                                                                                                             SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CALION:
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123 isTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
                                                                                                                                                                                                                        140 AsnGlyThrValHisLeuSerCysGlnGluLysGlnAsnThrValCysTh 156
                                                                                                                                                                                                                                                                                                                                                                                                      173 snCystystysSert.cuCluCysThrtyst.cuCyst.cuProCln11eGlu 189
                                                                                                                                                                                                                                                                                                                                                                                                                          556 AGCTGCTCCAAATGGGGAAATGGGTGGGGGGGAGATGTGTTG 605
                                         106 sThrValAspArqAspThrValCysGlyCysArgLycAsnGlnTyrArqH 123
                                                                                                                                                                             656 ATTATTGGAGTGAAAACCITTTCCAGTGCTTCAAITGCAGCCTCTGCCTC 705
                                                                                                                                                                                                                                                                                                              156 rCysHisAlaGlyPhePheLeuArgCluAsnGluCysValSerCysSerA 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Crowley, Craiq W.
TITLE OF INVENTION. METHOD FOR SELECTING HIGH-EXPRESSING
TITLE OF INVENTION: HOST CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Seq_name: //thi2_6/plostitu/2, that/A__YMMs seq US ow 200-740-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5.25 inch, 360 Kb iloppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         190 AsnValLysGlyThrGluAspSerGlyThrThr 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: patin (Genentech)
CURRENT APPLICATION DAIA:
APPLICATION DAIA:
FILING DAIE: 05-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 460 Point San Bruno Blvd
South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/08286740 Patent No. 5561053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/POCKET NUMBER: 798
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentorb, inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NE: 415/225-1994
: 415/952-9841
910/371-7168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER PEADABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6889 bases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             94080
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY:
US-08-286-740-2
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2005 APPAPTGGACPCAAAACCTTFTTCCACTCCTTCAAFTGCACCTCFGCCTC 2054
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1705 PAGGGGACAGGGAGAGAGAGAGATAGFGFGTGTGCCCCAAGGAAATATATA 1754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    106 sThrValAspArgAspThrValCysClyCysArgtysAsnClnTyfArgH 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                123 isTyrTrpSerCluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       140 AsnGlyThrValHisLeuSerCysGlnGluLysGlnAsnThrValCysTh 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     156 rCysHisAlaGlyPhePheLeuArgGluAsnGluCysValSerCysSerA 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   173 snCystystysSerLeaCluCysThrtystcuCysteuProGintleGlu 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Single and conditional three streets of the second seven seven seconds of the second s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    56 rl.cuTyrAsnAspCysProGlyProGlyGlnAspThrAspCysArgGluC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 MetGlyLeuSerThrValProAspLeuLeuLeuProLeuValLeuLeuGl 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: METHOD FOR SELECTING HIGH-EXPRESSING TITLE OF INVENTION: HOST CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  73 ysGluSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ......AspSerValCysProGlnGlyLysTyrlle
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                                                                                                                                                                                                                                                                                                                                                                                                           Align seg 1/1 to: US-08-286-740-2 from: 1 to: 6889
                                                                       Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2205 AATICITIAACCCACTICACCACTICACCACCACA 2237
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460 Point San Bruno Blvd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application PC/TUS9509576 GENERAL INFORMATION:
APPLICANT: GENENTECH, INC.
                                                                                                                                                                                                                                                                                               US-09-525-998A-12 x US-08-286-740-2
                                                                                                                 94.787
Quality: 1117.50
Ratio: 5.588
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                                                                                                                 Fercent Similarity.
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Page 7

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1605 A1GGGCC1C1CCACCG1GCC1GACCTACHACHHHHHHHHHHHHHHHHH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56 rLeuTyrAsaAspCysProGlyProGlyGlnAspThrAspCysArgGluC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MetGlyLeuSerIhrValProAspLeuLeuLeuProLeuValLeuLeuGl 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Align seg 1/1 to: PCT-US95:09576-2 from: 1 to: 6889
                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 5-25 inch, 360 Kb iloppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length:
                                                                                                                                                                                 PCT / US95 / U9576
                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/286740 FILING DATE: 05-AUG-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  alignment_block:
US-09-525-998A-12 x PCT-US95 09576 2
                                                                                                                                            SOFTWARE: patin (Genericch)
                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 00,000
REPERBUCE/COCKET UNMBER: 779
HELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1944
                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEC ID NO: 2:
CITY: South Sas Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                            SPUTENCE CHAPACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ratio: 5.588
Percent Similarity: 94.787
                                                                                                                                                                                                                                                                                                                                                                                                        415 4952 4881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Quality: 1117.50
                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                             Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                              TELEPAX: 415 - 1 TELEPAX: 910/371-7168
                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGIH: 6889 bases
                   California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                      CLASSIFICATION:
                                  NSA
ASI
                                                                                                                                                                                                     FILING DATE:
                                                      94080
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                                  COUNTRY:
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156 regsHsAladlyPhethetaArgClsAscoldCysValou GysScrA 173
                                                                                                   140 AsnGlyThrValHisLeuSerCysGlnGlaLysGlnAsuTLrValCysTh 156
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: HE WAN, SLEVEN
TILLE OF INVENTION: COMPUSITIONS AND METHALS FOR
TILLE OF INVENTION: SCHERNING DANG THRAKERS
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FirstStg for Windows Version, 2.0 CURRENT APPLICATION DATA:
APPLICATION HOMBER, 10,708,627,151A
FILLING DATE: APPR 1996
GLASSIFFCATION: 435
PRICK APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                            2205 AAFGLIAAGGAATTOAGGAATGAGGAGAGA 2237
                                                                                                                                                                                                                                                                                                          190 AsnValLysGlyThrGluAspSerGlyThrThr 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10210 Genetic Center Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gen-Probe Incorporated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CB1016
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Patent No. 5865341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SPINELLA, Dominic
APPLICANT: BENHERER, Kathleen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Fisher, darlos A
REGISTRATIAN NAMESER: 46,510
REFERENCEZINOMER: 09
THILLOSMESHIGALIAN HYDEMALLINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   46.510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM IYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    £1.4 410-8926
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEG ID NOT SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Qualify: 1117.50
Ratio: 5.588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET, 1921.
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Gaps:

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1335 ATTATIGGAGIGAAAACCITTTCCAGIGCTICAATTGCAGCTICTGCCTC 1384
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      156 rCysHisAlaGlyPhePheLeuArqGluAsnGluCysValSerCysSerA 173
                                                                                                                                                                 ... AspSorValOysProGlnClytysTyrtlo 39
                                                                                                                                                                                                                                                                                                                                                                                       40 HisProGlaAsaAsaSerileCysCysThriysCysHisLysGlyThriy 56
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                                                                                                                                            1 MetGlyLeuSerThrValProAspLeuLeuLeuProLeuValLeuGl 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: M.J.C. Turner, F. M.Brennan
TITLE OF INVENTION: Modition human TNFalpha (Tumor
HITLE OF INVENTION: Necrosis Factor alpha) Receptor
MOMBER OF SEQUENCES: 57
Percent Identity: 94.787
                                                                                                   Aliqn Seq 1/1 to: Us 08-527-151A-6 from: 1 to: 6896
                                                                                                                                                                                                                            17 uLeuLeuValGlyIleTyrProSerGlyValIleGly.
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: Patent No. 5633145
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APPLICANT: M.Feldmann, P.W. Gray.
APPLICANT: M.J.C. Turner, F.M Bre
                                    alignment_block:
US-09-525-998A-12 x US-08-627-151A-6
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STREET: 635 Bryant Street
94, 787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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Percent Similarity:
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90 SerCysSerLysCysArgLysGluMetGlyGlnValGlulleSerSerCy 106
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                                                                                                                                 Patentin Belease #1.0, version #1.25
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                                                                                                                                                                                                                               NAME: Rubbins, Foberta L.
PROFISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5150-0030
TELECHOMMUNICATION INFORMATION:
TELEPHONE: (415) 327-3231
INFORMATION FOR SEC 1D NO: 47:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                        JO May 1993
                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8-09-525-098A-12 x 0.8-08-050-3198-47
                                                                                                 1BM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: CDNA to MRNA
                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                  Floppy disk
                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 600 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ratio: 5.612
Percent Similarity: 93.970
                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Quality: 1049.50
                                                                                                                                                              APPLICATION NUMBER:
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1..597
                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAMEZKEY: CDS
                               USA
                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                  FILING DATE.
                                               94301
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                                                                                                 COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION:
                                                                                                                                   SOFTWARE
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                                 COUNTRY:
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351 CACAGIGGACCICAPAPPPINITOTOPPINITOPPAGGAAGAAPPAPPAGG 400
                                              123 isTyrIrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 139
                                                                                                                                                                                                                              156 rCysHisAlaGlyPhePheLeuArgGluAsnGluCysValSerCysSerA 173
                                                                                                                                                                                                                                                       173 snCysLysSerLeuGluCysThrLysLeuCysLeuProGlnIle 188
                                                                                                                                                                                                                                                                                                                                                                     551 ACTGIAAGAAAAGCCIGGAGIGCACGAAGIIGIGCCIACCCCAGAII 597
                                                                                                                                                                                                                                                                                                                                                                                                                 Seq_name: //ngs_6/produta/joina/sm_name seq_ns 08 465 982 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: M.Feldmann, P.W. Gray,
APPLICANT: M.J.C. hintor, F.M Hreenan
ITILE OF INVENTION: Modified human INFalpha (Tumor
ITILE OF INVENTION: Necrosis Factor alpha) Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Percent Identity: 93,970
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps:
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APPLICATION NUMBER: US/08/050,319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 47, Application us/08465982
Patent No. 5863786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 33,208
REFERENCE/POFFET WINGFE 5.175
FELECOMMUNICATION INFORMATION: TELEPHOND: (4.15) 817-8099
THELEPHOND: (4.15) 827-3231
INFORMATION FOR SEQ 1D NOT SEQUENCE CHARACITEPISTICS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5: Reed & Robbins
635 Hryant Street
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ATTORNEY/AGENT INFORMATION:
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Percent Similarity: 93.970
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STRANDEDNESS: double
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STATE: Calitornia
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US-(08-465 982 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME / KEY · Chg
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING AND MODULATING TITLE OF INVENTION: FROTEIN FROTEIN INTERACTEORS
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                                                                                                                                                                                  Align seq 1/1 100 HS 08 465 982-47 Irom: 1 10: 600
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CURRENT FILING DAIE: 1998-09-09
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BARLIER FILLN 607EE: 1997-11-03
NUMBER OF SEO ID NOS: 57
SOFTWARE: PALENTIN VET. 2.0
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Patent No. 6263174
alignment block:
US-09-525 998A 12 x US UB 465 982 47
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APPLICANT: Hsing, Weihong
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; CTHER INFORMATION: n-a, C, q, or t.
US-09-149-922-6
                                                                                                                                                                                                     OTHER INFORMATION: n-a, c, q, or t.
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US-09-525-998A 12 x US-09-149-922-6
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ORGANISM: Escherichia coli
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                                                                                        NAME/KEY: modified_base
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Seq_name: Grall Fraint Clarking Mr seq US on Brd 168-7

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345 GATAGIGIGICCCCAAGGAAAATAIAICCACCICAAAAIAAIICGAI 394
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                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Align seg 1/1 to: US-08-804-166-7 from: 1 to: 1301
                                                                                                                                                                                                  E: BROWDY AND NEIMARK
419 Seventh Street N.W., Ste. 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Browdy, Roger L.
FEGISTEATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: CAMPHELL-2A
                                                                                                                                          HYBRID PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/804,166
                                                                                                                                                                                                                                                                                                                                                                                  OPERALING SYSTEM: PU-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/011,936
FILING DATE: 25 relianty 1996
seq_documentation_block:
    Sequence 7, Application US/08804166
    Patent No. 6193972
                                                    GENERAL INFORMATION:
APPLICANT: Campbell, Robert K.
APPLICANT: Jameson, Bradford A.
APPLICANT: Chappel, Scott C.
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TELEPHONE: (202) 628-5197
TELETAX. (202) 737 528
INFORMATION FOR SEQ ID NO: 7;
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                           IBM PC compatible
                                                                                                                       APPLICANT: Chappel, Scott C.
TITLE OF INVENTION: HYBRID P
NUMBER OF SEQUENCES: 22
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COMPUTER READABLE FORM:
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US-08-804-166-7
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                                                                                                                                                                                                                                                                                                                                                               COMPUTER:
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                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                         STREET:
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nucleic acid

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130 PhecinCysPheAsnCysSerieuCysLeuAsnClyThrValHisLeuSe 146
                                                                                                                                                                                                                      146 rCysGlnGluLysGlnAsnIhrValCysThrCysHisAlaGlyPhePhoL 163
                                                                                                                                                                                                                                                                                                113 alcysolyCysArgLysAscClnTyrArgHisTyrTrpSerGluAsnLeu 129
                                                                                                                                                                                                                                                                                                                                                                                                                                   180 CysthrigsLeuCysteutroCinileCluAsnValigsClyThrGluAs 196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           seq_name: /cgn2_f/ptodata/2/ina/6R_00MR seq PS 08-910-991-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    419 Seventh Street N.W., Ste. 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Campbell, Robert K.
APPLICANT: Jameson, Bradlord A.
APPLICANT: Chappel, Scott C.
TITLE OF INVENTION: HYBRID PROTEINS
NUMHER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/910,991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/804/156
FILING DATE: 20 February 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/211/936
FILING DATE: 20 February 1996
ATTORNEY/AGENI TREORMALION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              seq_documentation_block*
; Sequence 7, Application US/08910991
; Patent No. 6194177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IHM PC compatible OPERATING SYSTEM: PC-DOS/MS-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (202) 628-5197
TELEFAX: (202) 737 3528
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1301 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHAPACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              196 pSerGlyThrfhr 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        845 CTCAGGCACCACA 857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              YUN, Allen C
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146 rCysGlnGluLysGlnAsnThrValCysThrCysHisAla3JyPhePheL 163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        545 GGAAATGGGT 'AGGTGGAGATGTGTTTTTGGACAGTGGAGGGGAGAGGG 594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                114.alCysClyCysAtgLysAsuGinTytAtaHisTyr12pScr71uAstLeu 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THE HELLER FOR THE HELLER FOR THE HELLER FOR THE FOR T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      63 JyproGlyCluAspThrAspCysArgCluCysGluSerGlySerPhethr 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       46 eCysCysThrigoCysHiolysOlyThrigrLeuTyrAssAcysProG 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 804-166-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Percent Identi'y: 100,000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Aliquised i/l to: US-08 910-991-7 from: 1 to: 1401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps:
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, Patent No. 6193972
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UE-09-525-999A 12 x US 08 910 991 7
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Percent Similarity: 100,000
STRANDEDNESS: single
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                                                      IOPOLOGY: Linear
MOLECULE LYPE: CONA
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                                                                                                                                                                                                          NAME/KEY: CDS
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US-08-910-991-7
                                                                                                                                                         FEATURE
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394 THIGHTGHACCAAGTGCCACAAAGGAACCTACTTGTACAATGACTGTGCAG 443
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            63 lyProGlyClnAspThrAspCysArqGluCysCluSerGlySerPheThr 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       80 AlaSerCluAsnHisLeuArqHisCysLeuSerCysSerLysCysArgLy 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Similarity: 99.415 Percent Identity: 98.830
                                                                                                                                                                                                                                               SOFTWARE: Fatentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Align seg 1/1 to: US-08-804-166-5 from: 1 to: 1147
                                                     ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street N.W., Stc. 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CAMPBELL-2A
TITLE OF INVENTION: HYBRID PROTEINS NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                     1157027804, 166
                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011,936
FILING DATE: 20 February 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEPHONE: (202) 747-3528
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1147 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          alignment_block:
US-09-525-998A-12 x US-08-804-166-5
                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: CAN
                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                       COMPUTER READABLE FORM:
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                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                   APPLICATION NUMBER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
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                                                                                           CITY: Washington
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                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 20 CLASSIFICATION:
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                                                                                                                                 USA
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                                                                                                                                                                                         MEDIUM TYPE:
                                                                                                                                               22207
                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                                                 COUNTRY:
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                                                                                                           STATE:
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113 alCysGlyCysAraLysAsnslnTyrArgHisTyrTrpSerGluAsnLeu 129

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